

TYURIN, A.I.

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L 11595-65 EWT(d)/EWT(m)/EWP(c)/EWA(c)/EWP(v)/I-2/EWP(t)/EWP(k)/EWP(b)/EWP(l)  
ACCESSION NR AM4046730 BOOK EXPLOITATION Pf-4 MJW/JD/ S/  
MLK

Samarin, A. M., ed. (Corresponding member, Academy of Sciences, U.S.S.R.) *B+1*

Steel production; handbook (Staloplavil'noye proizvodstvo; spravochnik),  
t. 2., Moscow, Izd-vo "Metallurgiya", 1964, 1039 p. illus., biblio.,  
tables. Errata slip inserted. 5,850 copies printed.

TOPIC TAGS: steel, open-hearth furnace, quality control, refractory

TABLE OF CONTENTS [abridged]:

- Part 8. Thermal engineering  
Ch. XV. Fuel and its combustion in an open-hearth furnace (N. I. Ivanov) -- 535  
Ch. XVI. Mechanics of furnace gases in open-hearth furnaces (G. M. Glinkov) -- 554  
Ch. XVII. Heat transfer in an open-hearth furnace (S. S. Magidson) -- 575  
Ch. XVIII. Thermal operation of an open-hearth furnace (Ye. A. Kapustip) -- 603  
Ch. XIX. Auxiliary thermal equipment in steel production (B. G. Turovskiy) -- 617  
Card 1/3

L 17595-65  
ACCESSION NR AM4046730

14

Part 9. Thermal processes

Ch. XX. Automatic control and regulation of thermal processes in steel production (A. P. Kopelovich, A. P. Sinchuk, and M. A. L'vov) -- 630

Ch. XXI. Evaporative cooling of open-hearth furnaces (S. M. Andon'yev) --

720

Ch. XXII. Hot cooling of open-hearth furnaces (A. I. Tyurin) -- 745

Ch. XXIII. Boilers of open-hearth furnaces (A. I. Berezhinsky) -- 754

Ch. XXIV. Cooling and cleaning converter gases (A. I. Berezhinsky) -- 778

Ch. XXV. Supplying steelmaking shops with compressed air (G. A. Timoshko) --

793

Ch. XXVI. Supplying steelmaking shops with oil (G. A. Timoshko) -- 807

Part 10. Methods of quality control and testing

Ch. XXVII. Chemical analysis (P. Ya. Yakovlev) -- 818

Ch. XXVIII. Spectral analysis (N. N. Sorokina) -- 840

Ch. XXIX. Melting and delivered quality control of steel (M. I. Vinograd) --

851

Ch. XXX. Mechanical testing of metals (P. G. Timoshuk) -- 868

Ch. XXXI. Analysis of gases in metals and alloys (L. L. Kunin, T. Ya.

Izmanova, and Ye. M. Chistyakova) -- 887

Ch. XXXII. Determining nonmetallic inclusions and carbides (M. M. Shapiro) --

897

Card 2/3

L 17595-65  
ACCESSION NR AM4046730

//

- Ch. XXXIII. Defectoscopy (V. S. Tokmakov) -- 910  
Ch. XXXIV. Use of radioactive isotopes to study the processes of steel production -- 924  
Part 11. Design  
Ch. XXXV. Design of steelmaking shops (G. A. Garbuz and D. T. Martasinkovskiy)  
-- 932  
Part 12. Economics  
Ch. XXXVI. Technical-economic indicators of steel production (G. V. Vitin and A. G. Lifshits) -- 956  
Part 13. Transportation, refractories, oxygen, classification and characteristics of steels  
Ch. XXXVII. Transportation (S. S. Berlyand) -- 980  
Ch. XXXVIII. Refractories (M. A. Lur'ye) -- 993  
Ch. XXXIX. Oxygen (D. L. Glizmanenko) -- 1009  
Ch. XL. Classification and characteristics of steels (N. V. Matyushina) --  
1020

SUB CODE: MM SUBMITTED: 30May64 NR REF Sov: 279  
OTHER: 030

Card 3/3

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*TYURIN, A.I.*  
SAVCHENKOVA, A.K.; TYURIN, A.I.

Mechanized line for the production of glazed candies; operational experience. Khleb.i kond.prom. l no.6:39-41 Je '57. (MLRA 10:8)

1. Leningradskaya fabrika imeni Krupskoy (for Savchenkova).
  2. Vsesoyuznyy konditerskiy nauchno-issledovatel'skiy institut (for Tyurin).
- (Confectionery--Equipment and supplies)

AVDEYEVA, A.V., doktor tekhn.nauk; ALKEKHIN, S.F., inzh.; ALTUNDZHI, K.S.,  
inzh.; BRONSHTEYN, I.I., kand.khim.nauk; BRUSHTEYN, M.S.;  
GRIGOR'YEV, F.B., inzh.; ZHELEZNOVA, V.V., inzh.; ISTOMINA, M.M.,  
kand.tekhn.nauk; KOZLOV, S.A., inzh.; KOLESNIKOVA, V.K., inzh.;  
KOCHETKOV, I.A., inzh.; LUNIN, O.G., kand.tekhn.nauk; MANNINA, T.A.,  
inzh.; SEREBRYAKOV, M.N., inzh.; SHOLYANITSKIY, M.Ye., inzh.; TYURIN,  
A.I., kand.tekhn.nauk; TSYBUL'SKIY, A.A., inzh.; CHERNOIVANNIK, A.Ia.,  
inzh.; SHKLOVSKAYA, A.Ye., inzh.; BEN', G.M., inzh., retsenzent;  
MARSHALKIN, G.A., kand.tekhn.nauk, retsenzent; GUSAKOV, A.I., red.;  
MARTYNOV, M.I., kand.tekhn.nauk, red.; KRUGLOVA, G.I., red.; KISINA,  
Ye.I., tekhn.red.

[Confectioner's manual] Spravochnik konditera. Pod obshchei red. M.I.  
Martynova. Moskva, Pishchepromizdat. Pt.2.[Technological equipment of  
the confectionery industry] Tekhnologicheskoe oborudovanie konditersko-  
go proizvodstva. 1960. 630 p. (MIHA 14:3)  
(Confectionery--Equipment and supplies)

TIKHMINSKY, S.B.; TYURIN, A.M. (Leningrad)

Bloodless technic for the determination of blood flow velocity.  
(MIRA 12:10)  
Klin.med. 37 no.7:97-103 J1 '59.

1. Iz sektora sportivnoy meditsiny (zav. - prof.A.G.Dembo)  
Leningradskogo nauchno-issledovatel'skogo instituta fizicheskoy  
kul'tury (dir. V.Ye.Ryzhikova).  
(BLOOD CIRCULATION)  
(OXIMETRY)

DEMBO, A.G.; TYURIN, A.M.

Bloodless determination of the rate of the blood flow in health and pathology. Trudy Inst. klin. i eksper. kard. AM Grus. SSSR 6: 361-366 '63. (MIRA 177)

1. Institut fizicheskoy kardiologii, Leningrad.

DEMBO, A.G.; TYURIN, A.M.

Statistical procedures in studying new medical research methods.

Prim. mat. metod. v biol. no.3:164-173 '64.

(MIRA 17:11)

1. Institut fizicheskoy kul'tury, Leningrad.

TYURIN, A. M. (Leningrad)

"Statistical Methods in the Study of the Rate of Blood Circulation."

report presented at the 3rd Conference on the use of Mathematics in Biology, Leningrad University, 23-28 Jan 1961.

(Primeneniye matematicheskikh Metodov v Biologii. II, Leningrad, 1963, pp. 5-11

(Moscow-Agricultural Academy imeni Timiryazev)

DEMBO, A.G.; TYURIN, A.M.

New portable oxyhemometer. Lab. delo [7] no.4:48-50 Ap '61.  
(MIRA 14:3)

1. Leningradskiy nauchno-issledovatel'skiy institut fizicheskoy  
kul'tury (dir. V.S.Ryzhkova).  
(BLOOD--OXYGEN CONTENT)

TYURIN, A.M.

Statistical methods for studying the speed of blood circulation. Prim. mat. metod. v biol. no.2:191-195 '63.  
(MIRA 16:11)

X

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TYURIN, A.N.

Classification of vector fiberings over an arbitrary algebraic curve.  
Izv. AN SSSR. Ser. mat. 29 no.34657-683 '65.  
(MIRA 18:6)

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CIA-RDP86-00513R001757730004-7"

SHAFAREVICH, I.R.; AVERBUKH, B.G.; VAYNBERG, Yu.R.; ZHIZHCHENKO, A.B.;  
MANIN, Yu.I.; MOYSHEZON, B.G.; TYURINA, G.N.; TYURIN, A.N.;  
PETROVSKIY, I.G., akademik, otv. red.; NIKOL'SKIY, S.M., prof.,  
zamostitel' otv. red.

[Algebraic surfaces.] Algebraicheskie poverkhnosti. Moscow.  
Nauka, 1965. 214 p. (Akademiia nauk SSSR. Matematicheskii  
institut. Trudy, vol. 75)

(MIRA 18:5)

TYURIN, A.N.

Classification of two-dimensional vector bundles over an  
algebraic curve of arbitrary type. Izv. AN SSSR. Ser. mat.  
28 no. 1:21-52 Ja-F '64. (MIRA 17:6)

TYURIN, A.P.

Deposits of fluxes and refractory materials in Kustanay Province.  
Vest. AN Kazakh. SSR 13 no.4:25-34 Ap '57. (MLRA 10:6)  
(Kustanay Province--Refractory materials)

TYURIN, A.R., polkovnik; KHORKHORDIN, G.I., podpolkovnik

In any situation they provide reliable communication. Vest.  
protivovozd. obor. no.11:55-58 N '61. (MIRA 16:10)

(Radio, Military)

TYURIN, A.V. (g.Pushkino, Moskovskoy oblasti)

Data on the beginning of flowering in *Padus racemosa* (Lam.)  
Gilib., *Caragana arborescens* Lam., and *Betula verrucosa* Ehr.  
in the Moscow area over a period of 74 years. Bot.zhur. 14  
no.11:1639-1649 N '59. (MIRA 13:4)  
(Moscow Province--Plants, Flowering of)  
(Trees) (Shrubs)

TYURIN A.N.

Phenology of flowering of the oak *Quercus robur L.* in forests of  
the European part of the U.S.S.R. (from 1948 to 1954). Bot. zhur.  
(MIRA 11:5)  
43 no. 2:246-249 F '58.

1. Vsesoyuznyy institut lesomelioratsii, Moskva.  
(Oak) (Plants, Flowering of)

TYURIN, A.V.; NAUMENKO, I.M.; VOROPANOV, P.V.

[Forestry handbook] Lesnaja vspomagatel'naia knizhka. Moskva,  
Goslesteckhizdat, 1945. 407 p. (MIRA 12:3)  
(Forests and forestry--Mensuration)

TYURIN, A.V.

Flowering time of Scotch pine in the European part of the U.S.S.R.  
(from 1948 to 1954). Bot. zhur. 41 no. 4:568-571 Ap '56. (MLRA 9:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lesnogo khozyaystva,  
g. Pushkino Moskovskoy oblasti.  
(Pine) (Plants, Flowering of)

TYURIN, A. V.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Tyurin, A. V.		
Zhukov, A. B.	"Investigation of Oak	
Ivanenko, B. I.	Forests of the USSR	All-Union Scientific Research
Lositskiy, K. B.	and Measures for Culti-	Institute of Forestry
Kharitonovich, F. N.	vating them"	
Napalkov, N. V.		

SO: W-30604, 7 July 1954

TYURIN, Aleksandr Vladimirovich, prof., doktor sel'khoz. nauk; VOROPANOV,  
P.V., red.; GOROKHOV, M.G., red. izd-va; PARAKHINA, N.L., tekhn.  
red.

[Principles of variational statistics in forestry] Osnovy variatsion-  
noi statistiki v primenenii k lesovedstvu. Moskva, Goslesbumizdat,  
1961. 102 p. (MIRA 14:6)  
(Forests and forestry--Statistics)

K

Country : USSR  
Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 11, 1958, No 48707

Author : Tyurin, A.V.

Inst : "

Title : Observations on the Seasonal Growth of the Oak and  
Its Associated Species in the Forests of the European  
USSR, and Utilization of the Observations Made in the  
Forest Cultures.

Orig Pub: Geogr. sb., 9, 1957, 106-113

Abstract: Observations were conducted at the leskhozes (for-  
estry establishments) of Mogilevskaya, Gomel'skaya,  
Veronezhskaya and Smolenskaya Oblasts, in Krasnodarskiy  
Kray, and in the Tartar ASSR on the following: oak,

Card : 1/3

K

Country : USSR  
Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 11, 1958, No 48707

common ash, Norway maple, elm, little-leaf linden, and the European white birch. It was found that among all the species associated with the oak, ash was the only one in which the swelling of the leaf buds took place simultaneously with the oak, or somewhat earlier. In the rest of the species the swelling of the leaf buds is observed earlier than in the oak in different sequence (a table of the periods is cited). The swelling of the leaf buds takes place earliest in the Northern Caucasus, latest in the central forest steppe. A similar relation is also observed in regard to the opening of the leaf buds. In relation to the oak (beginning of May), the foliation of the ash takes place later.

Card : 2/3

K-3

Country : USSR  
Category: Forestry. Forest Biology and Typology.

K

Abs Jour: RZhBiol., No 11, 1958, No 48707

Linden almost coincides with the foliation of the oak. Foliation in the rest of the associated species takes place earlier than in the oak (a table of the periods is cited). The article presents tables of the comparative periods of the beginning of blossoming, complete yellowing and dropping of the leaves, and the full ripening of the seeds of oak and its associated species. It is noted that in the central forest steppe, the place where seeds ripen earliest is Shipov forest. -- V.V. Protopopov

Card : 3/3

SHIMANYUK, Andrey Petrovich; TYURIN, A.V., dokt.sel'khoz.nauk, prof.  
retsenzent; NEKHLYUDOVA, A. E., red.

[Biology of trees and shrubs of the U.S.S.R.; a  
manual for teachers] Biologiya drevesnykh i ustar-  
nikovykh porod SSSR; posobie dlja uchitelei. Izd.2.,  
dcp. Moskva, Prosvetshchenie, 1964. 477 p.  
(MIRA 18:1)

TYURIN, A. V., Prof.

Phenology

Seasonal growth of the oak in the European part of the U.S.S.R. Ies. khoz. 5 no. 7,  
1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED

N/5  
729.43  
.T9  
1956

TYURIN, ALEKSANDR VLADIMIROVICH, ED.

Lesnaya vspomogatel'naya knizhka (po taksatsii lesa) (Lumber subsidiary booklet (on fixed prices of lumber)) Izd. 2, dop. pod obshchey red. a. v. tyurin. Moskva, Goslesbumizdat, 1956.  
531 p. largely tables.

TYURIN, Aleksandr Vladimirovich, doktor sel'skokhozyaystvennykh nauk, professor; NAUMENKO, Ivan Matveyevich, doktor sel'skokhozyaystvennykh nauk, professor; VOROPANOV, Petr Vasil'yevich, doktor sel'skokhozyaystvennykh nauk, professor; ANUCHIN, N.P., redaktor; KOLESNIKOVA, A., tekhnicheskiy redaktor.

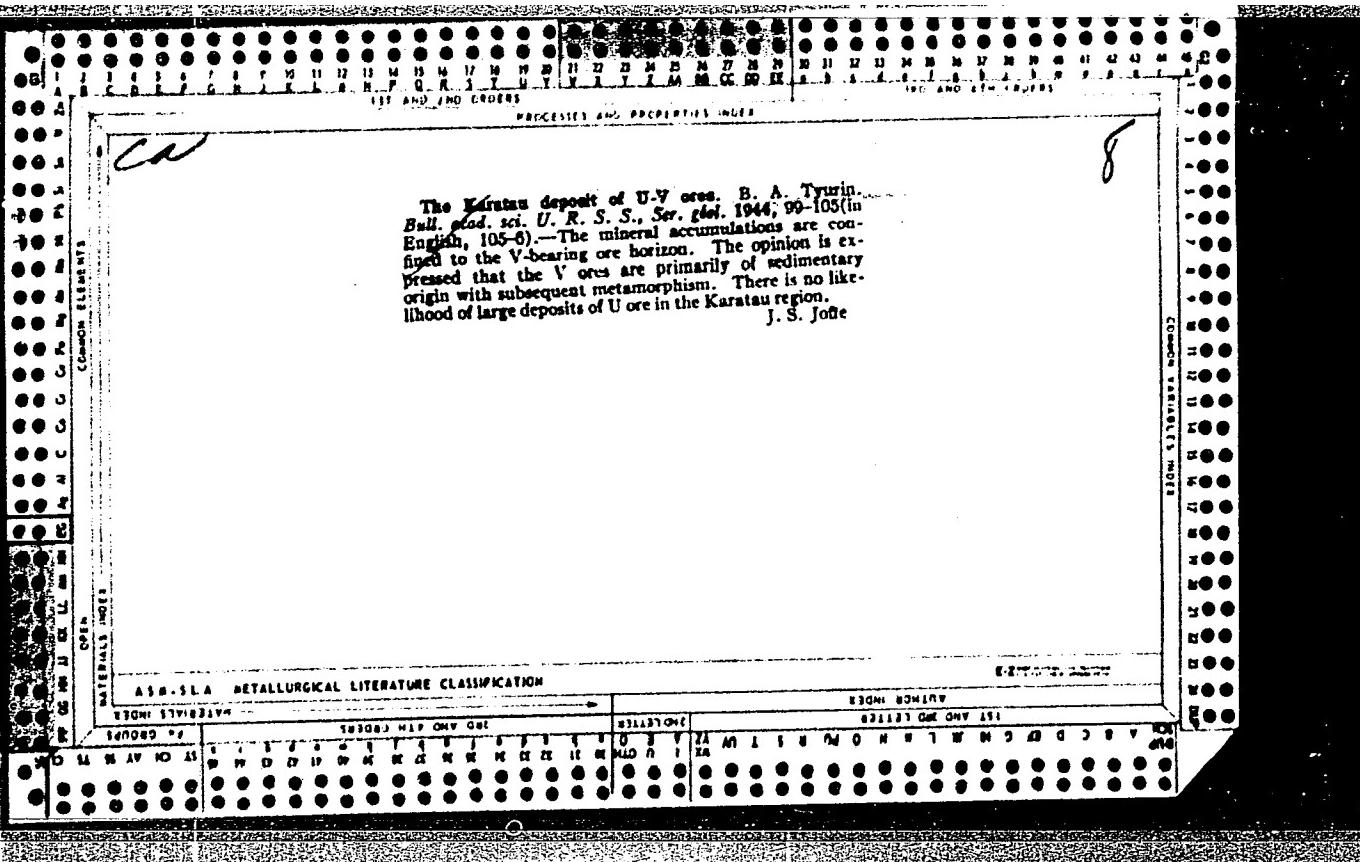
[A manual of forest mensuration] Lesnaia vspomogatel'naia knizhka;  
po taksatsii lesa. Pod obshchei red. A.V. Tiurina. Izd.2-e, dop.  
Moskva, Goslesbumizdat. 1956. 531 p. (MIRA 10:4)  
(Forests and forestry--Mensuration)

TYURIN, A.V.

"Natural regeneration in clearcuttings" by A.P.Shimanuk. Reviewed  
by A.V.Tiurin. Bot.zhur.41 no.8:1221-1223 Ag '56. (MLRA 9:12)  
(Reforestation) (Shimanuk, A.P.)

TYURIN, A.V.

Phenological observations on the forests of the Moscow environs.  
Geog. sbor. no.16:25-40 '63. (MIRA 16:6)  
(Moscow region--Phenology)  
(Moscow region--Forest ~~ecology~~ ecology)



TYURIN, E. I.

Geochemical characteristics of the distribution of titanium in  
bauxites and clays of the Amangeldy bauxite region and their  
genesis. Kora vyvetr. no. 6:154-166 '63. (MIRA 17:9)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo  
syr'ya, Alma-Ata.

TYURIN, B.A.; KAL'MENEV, M.A.

Characteristics of deposits of bauxites and refractory clays  
from the point of view of economic geology. Trudy Inst.geol.  
nauk AN Kazakh.SSR no.2:69-103 '59. (MIRA 13:4)  
(Amangel'dy District--Bauxite)  
(Amangel'dy District--Clay)

TYURIN, B. A.

"Gibbsite Deposits in the Amangeldy Bauxite Mining District of Central Kazakhstan" p.416

Mineralogy and Origin of Bauxites, Moscow, Izd-vo AN SSSR (otd. geologo-geograf. nauk) 1953, 488pp.

This collection of articles by various authors on the mineralogy and geochemistry of bauxites appeared as a result of 1955 conf. on the origin of bauxite (Chairman, Acad. N. M. Stakhov)

TYURIN, B. A.

15-57-7-9654

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,  
pp 132-133 (USSR)

AUTHOR: Tyurin, B. A.

TITLE: The Gibbsite Bauxite in Kazakhstan and Method of  
Prospecting for These Deposits (Mestorozhdeniya gibbsi-  
tovykh boksitov Kazakhstana i metodika ikh poiskov)

PERIODICAL: Sb. nauch. tr. Kazakhsk. gorno-metallurg. in-t, 1956,  
Nr 14, pp 5-28.

ABSTRACT: Mesozoic-Cenozoic gibbsite bauxites are widespread on  
the territory of Kazakhstan. They lie in the thick  
ancient weathered surface of Paleozoic rock or in J<sub>1-2</sub>  
coal-bearing deposits. They are unconformably covered  
in some areas by Cr<sub>2</sub> marine sedimentation, and in other  
areas, by continental variegated clays. The author  
considers the age of the largest bauxite deposits to be  
Cr<sub>2</sub>. Two basic structural and morphological types of  
deposits are differentiated as the linear-valley type  
and as the mantle type. The first type is the more

Card 1/3

15-57-7-9654

The Gibbsite Bauxite in Kazakhstan and Method (Cont.)

important of the two. The length of individual beds varies from 100 m to 1650 m, the width from 50 m to 400 m; the thickness reaches 60 m but rarely exceeds 5 m to 10 m. In internal structure, the beds of this type can be classified as follows: 1) simple, represented by one layer, sometimes with a separation into two layers at the edges; 2) complex, represented by alternating strata of near-commercial bauxites and clays; 3) intermediate. The bauxite deposits of the mantle type have quite irregular outlines and small thickness (3 m to 5 m). The bauxite deposits of the linear-valley type meet government standards and represent several million tons of material, while the bauxites in the mantle type deposits are low in quality and represent only a small amount of usable material. The author lists indications of the presence of Mesozoic bauxite deposits in Kazakhstan and outlines methods of conducting explorations for this material. Core drilling in combination with geophysics is the basic method of exploration; it is, at the same time, the only method applicable to subsurface deposits. Geophysical investigations should include: 1) procurement of data for preparation of structural and lithological maps of the Paleozoic substructure; 2) determination

Card 2/3

15-57-7-9654

The Gibbsite Bauxite in Kazakhstan and Method (Cont.)

of the trend of main folded structures of the basement; 3) clarification of the basement surface relief.

Card 3/3

S. I. Beneslavskiy

1 YUR. LIA, R.H.

**BOOK I. ROCK EXPLORATION** 507/1956

Geologicheskaya nauchnaya sessiya po metallogenicheskim i prospectivnym issledovaniyam. Alma-Ata, 1956.

Materialy nauchnoy sessii po metallogenicheskim i prospectivnym issledovaniyam. (Materials Presented at the Scientific Session on Metallogenic and Potentialized Ore Occurrences [Kupas] Reports) Alma-Ata, December, 1956. In Kazakhstan SSR, 1958. 318 p. Errata slip inserted. 3,050 copies printed.

Ed. 1. A.I. Popovets; Tech. Ed. 1. P.P. Alferov.

Nauchnye Agencytsia: (1) Akademika nauk SSSR, (2) Akademika nauk Kazakhskoy SSR, Alma-Ata, (3) USSR. Ministerstvo geologii i ekspertizy.

nedr, (4) Kazakh SSR. Ministerstvo gospromgaz i contrary neft.

Predost.: This book is intended for exploration geologists, mining engineers, and cartographers.

**Materials Presented (Cont.)**

**CONTENTS:** This collection of reports was presented at the United Scientific Session on Metallogeny and Potentialized Ore Occurrences held by the Academy of Sciences of Kazakhstan in Alma-Ata, December, 1956. The reports deal with various aspects of compiling metallogenic and ore occurrence maps as well as the methodology and techniques of correlating geophysical exploration data. Three reports deal only with non-ferrous metals. Three other reports delivered at the conference but not included in this work were read by Ye.Ye. Zhdanov, N.S. Shatashvili, and N.M. Gorbaty. References accompany each article.

**TABLE OF CONTENTS:**

**Materials Presented (Cont.)**

Zhilinskii, G.B. [IGOR' AN KAZAKH]. Principles of Compiling the Potentialized Occurrence Maps for Tin in Central Kazakhstan 148

Spiridonov, I.A., [KAN JIN] and KAI GCI. Technique of Compiling a Metallogenic and Potentialized Occurrence Map for the Metal-sulfide Deposits of Central Kazakhstan 165

Guseinov, B.M. [GORDON]. Basic Principles for Compiling Potentialized Occurrence Maps for Phosphates 183

Sedovnikov, M.M. [YANUK]. Problem of Compiling the Metallogenetic Potentialized Occurrence Map for the Northwest Part of Siberia Platform 199

Frolov, A.A. [YANUK]. Magmatic Formations of the USSR and the Significance of Distribution of the Principal Ore Deposits Related to Them 203

Rudovskii, Ye.A., I.N. Tsvetkov. [IZMEN]. Large Scale Metallogenetic Mapping 222

card 5/6

TYURIN, B.A., dots.

Deposits of gibbsite bauxites in Kazakhstan and methods of  
prospecting for them. Sbor.nauch. trud. KazGMI no.14:5-28 '56.  
(MIRA 10:10)  
(Kazakhstan--Bauxite) (Prospecting)

2

TYURIN, B.A., dozent

Graphic investigation of the relationship between pH, Eh and  $\frac{C_{ox.}}{C_{red.}}$   
in oxidation-reduction reactions in order to recreate the  
physicochemical conditions of sedimentation. Sbor. nauch. trud.  
(MIRA 15:2)  
KazGMI no. 18:171-173 '59.  
(Mineralogical chemistry)

TYURIN, B.A., dotsent

Nomogram for converting the chemical analyses of air-dry  
samples for calcined substance, naturally wet ore, and the  
analyses of coal for fuel and ashes. Sbor.nauch.trud.KazGMI  
no.18:174-176 '59. (MIRA 15:2)

(Clay)  
(Nickel ores)  
(Coal)

SUVOROVSKAYA, N.A.; TYURIN, B.F.; ZYUZINA, Yu.D.; NAZAROVA, Yu.G.

Studying the effect of hardeners on the characteristics of  
epoxy resin base coatings. Lakokras.mat. i ikh prim. no. 5:4-10  
(MIRA 16:1)  
'62.  
(Protective coatings--Testing) (Epoxy resins)

CR

REACTIVES AND PROPERTIES INDEX

The influence of hot drying on the covering properties of paints. B. P. Tyurin. Byull. Lako-Krasochim Prom. 1938, No. 5, 33-41; Akim. Referat. Zhur. 2, No. 2, 120 (1939).—Paints prep'd. from linseed oil with the usual drier and with different pigments ( $Pb-ZnO$ , lithopone,  $Pb-PbCrO_4$  and ochre) were dried at 20, 40, 60, 100 and 120° for 2, 4, 6 and 8 hrs. The pigments have considerable influence on the properties of the films. The  $PbCrO_4$  paints are most elastic. In general the elasticity of the films changes differently with temp. and with duration of drying depending on the pigment. The water resistance increases with the increase of the temp. of drying (except for ochre). The temp. of drying optimum for water resistance is for  $PbCrO_4$  between 60 and 80°, for  $ZnO$  about 80°, for ochre and lithopone about 100°. The optimum duration of heating is 2-4 hrs. Paints containing lithopone and ochre should not be dried at high temp.

W. R. Henn

CIA

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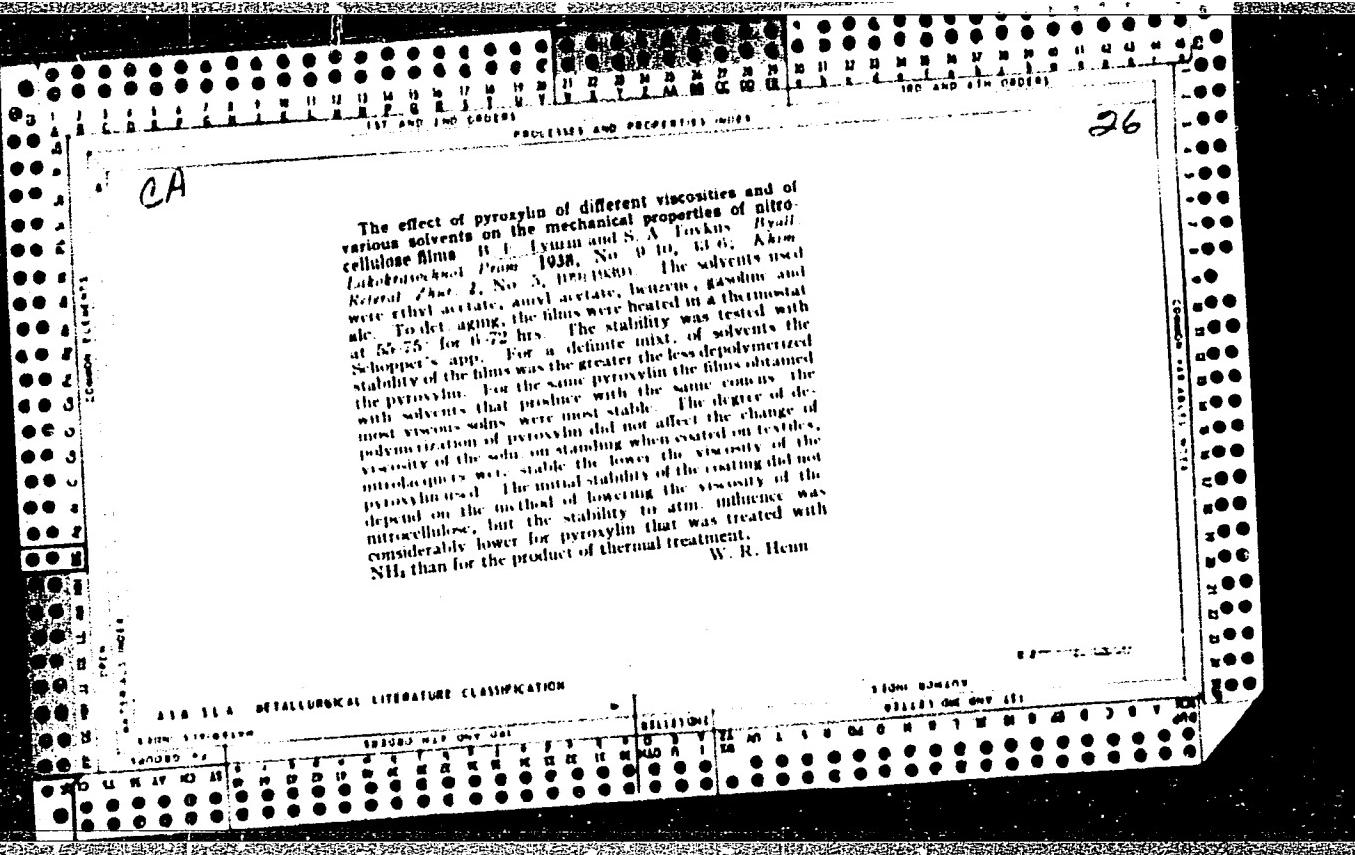
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Ca

26

Composition of nitrocellulose lacquers and their water resistance. N. E. Tyurin and Yu. P. Levit. Byull. Obmena Opyt. Lukobrasochkal Prom. 1939, No. 3, 34-8. One of the basic reasons for corrosion of painted surfaces is the absorption of moisture by the film. Nitrocellulose films, unlike oil films, do not swell but allow moisture to pass through capillary openings formed during the evapn. of the solvent. T. and L. tried to establish dependence of water absorption of the lacquer on its compn.  $K_1$  ( $D$ ) permeability is established by the following formula:  $K = VD/AT$ , where  $K$  is const. of permeation,  $V$  g. of moisture going through the film in  $T$  hours,  $D$  thickness of the film in cm.,  $A$  area of the film in sq. cm. Dried nitrocellulose films were tested for 24 hrs. in Glur's app. Fifteen lacquers were tried. Mixed nitrocelluloses corresponding to nitrocellulose of medium viscosity give best results. Slowly evaporating solvents increase waterproofness. Equal quantities of Bu acetate,  $\text{CH}_3\text{COCH}_3$ ,  $\text{CH}_3\text{COCH}_2\text{CH}_3$  and  $\text{EtOH}$  were used as solvents. "Garpus" ether 6% or Rezyl resin 1.5-0% lower  $K$ . Rezyl resins are more sol. in nitrocellulose than is "garpus" ether. Tritoly phosphate, dibutyl phthalate, camphor and castor oil (2% each) were used as plasticizers. Tritoly phosphate lowered  $K$ , dibutyl phthalate had no effect and camphor and castor oil greatly increased  $K$ . Polymerized linseed oil decreased  $K$ , while oxidized oil had less effect, and raw linseed oil had no effect on  $K$ . Powdered Al and vermiculite lowered  $K$  more than other pigments. 1) A

ASPIRA METALLURGICAL LITERATURE CLASSIFICATION

1330W 1330W

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1330W 1330W

Possibility of replacement of linseed oil by perilla oil in production of aircraft lacquers. N. V. Tymkin and L. A. Korneva. *Russ. Khim. Obrab. Tekhnicheskoy Prom.* 1940, No. 7, 8, 21-3. Extensive tests on use of perilla oil in paints replacing partially, or completely, linseed oil indicate that the former is generally satisfactory. Mixtures less than 50% perilla oil with linseed oil are also satisfactory in enamels. G. M. Kosolapoff

SAPGIR, I.N., doktor tekhn. nauk; IVANOVA, A.A.; GOL'DBERG, M.M.;  
SAKHAROV, A.V.; LUBMAN, A.I.; SVERDLIN, M.S.; TYURIN, B.F.  
Prinimali uchastiye: PLIPLINA, A.I.; IOFFE, M.Ya.; LIVSHITS,  
M.L., red.; ZAZUL'SKAYA, V.F., tekhn. red.

[Paint materials; raw materials and intermediate products;  
handbook] Lakokrasochnye materialy; syr'e i poluprodukty;  
spravochnik. Pod red. I.N.Sapgira. Moskva, Gos.nauchno-  
tekhn.izd-vo khim. lit-ry, 1961. 506 p. (MIRA 14:12)  
(Paint materials)

CONFIDENTIAL

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An NTSOCON - the eighth annual welding conference sponsored by the Moscow chapter of the American Welding Society, was held April 1-3, 1987. The conference was organized by the Moscow Institute of Welding, Krasnogorsk, Russia. The conference was attended by 150 scientists and engineers from 15 countries. The conference included 10 invited speakers and 100 papers presented in 10 sessions. The topics covered included: 1) New methods and technologies in welding; 2) Welding of non-ferrous metals; 3) Welding of stainless steel; 4) Welding of aluminum; 5) Welding of titanium; 6) Welding of refractory materials; 7) Welding of high-alloy steels; 8) Welding of low-alloy steels; 9) Welding of low-carbon steels; 10) Welding of high-carbon steels.

Set 2 1, Card 1/3



L 15771-63  
ACCESSION NR: AP3004766

18

(IMET) spoke on the effect of composition on delayed fracture of high strength steels such as 35KhGSA, 40KhGSA, 15KhNMTA, 40KhGSNMTA, 42Kh2GSNM, 43Kh3SNMFV, 15Kh12NMVF and pointed out that 30KhGSM steel has the lowest susceptibility to delayed fracture and 45KhMA is the highest. The report of Candidates of technical sciences N. V. Shiganov and E. D. Rayminin dealt with methods and equipment for evaluation of weld susceptibility to cold cracking. Seven reports dealt with welding of steels and alloys. Reporting on argon arc welding of dissimilar metals (zirconium to titanium, zirconium to niobium, niotium to titanium), Engineers V. S. Novosadov and Ye. A. Gusev pointed out that optimal welding conditions, heat treatment, and proper combination of dissimilar metals ensure high quality of welds.

For Complete Set See: Eight annual welding conference

Set 1/2, Card 3/3

L 15771-63 EPR/EWP(j)/EPF(c)/EWP(k)/EWP(q)/EWT(m)/BDS/EWT(l) APFTC/ASD Pg-4  
Pr-4/Ps-4/Pf-4 RM/MM/JD/WH/HM/JG/K/JH  
ACCESSION NR: AP3004766 S/0135/63/000/008/0044/0046

AUTHOR: Tyurin, B. F.

184  
91

TITLE: Scientific and technical welding conference in Moscow [April 1963]

SOURCE: Svarochnoye proizvodstvo, no. 8, 1963, 44-46

ABSTRACT: The eighth annual welding conference sponsored by the Moscow chapter of NTO MASHPROM was held in Moscow 23-25 April 1963. Of the 66 reports presented, 11 dealt with thermal and metallurgical processes in welding. Candidate of technical sciences V. V. D'yachenko and Engineer, Ye. N. Sivov analyzed factors affecting the ductility of molybdenum welds produced by electron-beam argon arc welding. Eleven reports dealt with welding of titanium and aluminum alloys. Candidate of technical sciences F. Ye. Tret'yakov (NIAT) reported on prospects of titanium alloy welding, and Engineer A. I. Gorchkov analyzed causes of porosity in titanium alloy welds and reviewed preventive methods such as high welding speed, low heat input, preheating, and cleaning of sheet edges. Technology of welding pipelines formed from titanium and aluminum alloy sheets was discussed by Engineers F. R. Kulikov and A. I.

Set 2/2, Card 1/3

Bulletin, engineer I. V. Vaynshteyn NIAP discussed specific features of submerged electrode arc welding of aluminum plates and extrusions in air bubbles. Candidate of technical sciences G. D. Niziforov reported on the possibility of increasing the welding wall density by reducing the weld current of aluminum to less than 100 ampères. Together with S. N. Chizhikov, he proposed the possibility of direct shielded arc welding of SAP alloys. In addition, the use of a pulsed arc for welding of aluminum alloys was briefly outlined in the report of Candidate of technical sciences V. S. Vinogradov, and resistance spot welding of clad SAP sheets was discussed in the report of Candidate of technical sciences B. D. Orlov, and Engineers Yu. V. Dmitriyev and I. V. Kostylev. Problems of welding aluminum alloys were also reviewed by Engineers A. A. Tsvetkov and A. Ye. Tsvetkov welding joint strength ATSM millo/1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 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1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211</

ADDITIONAL KEY: 4P3004

technical sciences E. B. Sispak (TSNIMMASH). "Automatic quality control in ultrasonic welding" was presented by Engineers V. A. Kuznetsov and P. K. Naumov and Candidate of technical sciences L. L. Silin (IMET). Plasma spraying and cutting were discussed in five reports: "Plasma spraying of tungsten on graphite" by Engineers A. V. Borrov and V. I. Privezentsev (MATI), "Industrial plasma spray" by Candidate of technical sciences A. V. Petrov and Engineer N. N. Kostylev; "Plasma spraying and prospects of its application in industry" by Engineer A. I. Belov (VNIIT); "Use of a constricted arc for cutting aluminum alloys and stainless steel sheets" by Engineer V. N. Skorokhodov, and "Control of the geometry of the plasma arc cut" by Engineer A. A. Isachenko (VNIIT). Three reports dealt with welding of polymer materials. One of them, by V. V. Boganshevskiy (BLAT), discussed features of ultrasonic welding of polymers and pointed out that a special unit for welding polyethylenphthalic films is being developed.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 28Aug63

ENCL: 00

SUB CODE: ML

NO REF Sov: 000

OTHER: 000

For Complete Set See: Eighth annual welding conference  
Set 2/2, Card 3/3

TYURIN, F.P., inzhener,

Work experience of specialized organizations in housing construction.  
Biul.stroi.tekh. 9 no.2:1-6 Ja '52. (MLRA 9:4)

1.Trest Magnitostroy.  
(Construction industry)

TYURIN, D.

With Hungarian friends. Gruzhd. av. 22 no.2:30 P '65. (Mirz 12:5)

1. Sekretar' TSentral'nogo komiteta professional'nogo soyuza  
aviarabotnikov.

EYDEL'MAN, G., inzh; TYURLIN, G., inzh.

Installing electric wiring during building. Ma stroi. Mosk. 1  
no.11:11-12 N '58. (MIRA 11:12)  
(Electric wiring)

TYURIN, G., inzh.; EYDEL'MAN, G., inzh.

Pipeless installing of hidden electric wiring in brick house .  
Na stroi. Mosk. 1 no.6:19 Je '58. (MIRA 11:9)  
(Electric wiring, Interior)

TYURIN, G.G.

Diamond well-drilling tool. Mash. i neft'. obor. no. 1:11-15  
(MIRA 17:1)  
'63.

1. TSentral'noye konstruktorskoye byuro Ministerstva geolo-  
gii i okhrany nedr SSSR.

AUTHOR:

Tyurin, G.I.

SOV/113-58-4-19/21

TITLE:

Turbosupercharging of High-Speed Two-Stroke Engines (Turbo-nadduv bystrokhodnykh dvukhtaknykh dvigatelyey)

PERIODICAL:

Avtomobil'naya promyshlennost', 1958, Nr 4, p 46 (USSR)

ABSTRACT:

The author discusses briefly the modified series 71 two-stroke, compression-ignition engine from General Motors, which has a turbosupercharger. There is 1 photo.

1. Internal combustion engines--Equipment    2. Turbosuperchargers  
---Applications

Card 1/1

KREYTSER, G.P.; TYURIN, G.I.

Euler's spheres of an orthocentric simplex. Mat. pros. no. 2:187-194  
(MIR 11:7)  
'57.

(Geometry)

TYURIN, G.I.

Turbo-supercharged high-speed two-stroke engines. Avt. prom.  
(MIRA 11:6)  
no. 4:46 Ap '58.  
(United States--Automobiles--Engines--Superchargers)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001757730004-7

*Verbal G.P.*  
SYDEL'MAN, G.R., inzhener; TYURIN, G.P., inzhener.

Wiring brick buildings without using conduits. Nov.tekh.i pered.  
op.v stroi. 19 no.10:22-23 O '57. (MIRA 10:11)  
(Electric wiring)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001757730004-7"

TYURIN, I.

Our practice. Den. i kred. 21 no.8:60-62 Ag '63. (MIRA 16:9)

1. Upravlyayushchiy Burynskim otdeleniym Gosbanka Sumskoy oblasti.

(Buryn'—Banks and banking)

TYURIN, G.S., kand. tekhn. nauk [translator]; YELYUTIN, A.V.,  
inzh. [translator]; MAURAKH, M.A., kand. tekhn. nauk, red.

[Electron melting of metals. Translated from the English]  
Elektronnaia plavka metallov. Moskva, Izd-vo "Mir," 1964.  
357 p.  
(MIRA 18:9)

TYURIN, I.

We ourselves do the building. Prof.-tekhn. obr. 15 no.11:18-19  
N '58.

(MIRA 12:1)

1.Zamestritel' direktora uchilishcha mekhanizatsii sel'skogo  
khozyaystva No.7, Irkutskaya oblast'.  
(Farm mechanization--Study and teaching)  
(Schools--Furniture, Equipment, etc.)

TYURIN, I. (Brno)

Always alive. Sov. profsoiuzy 19 no.1:22-23 Ja '63.  
(MIRA 16:1)

(Brno—Machine-tool industry)  
(Brno—Socialist competition)

AUTHOR:

Tyurin, I., Deputy School Director

SOV/27-58-11-15/29

TITLE:

We Ourselves Are Building (Stroim sami)

PERIODICAL:

Professional'no - tekhnicheskoye obrazovaniye, 1958, Nr 11,  
pp 18 - 19 (USSR)

ABSTRACT:

When the School of Agricultural Mechanization Nr 7 in the Irkutsk Oblast was organized in 1951, it lacked even the most elementary teaching aids; the staff itself would have to work on the establishment of the required installations and facilities. Considerable work has been done in this respect in recent years. The building work was carried out by the school, under the supervision of the school. The author lists the school buildings, workshops, etc. erected from 1953 to 1957, and the study rooms equipped and replenished by the school. This was accomplished by the united efforts of the instructors, foremen and students. The author emphasizes the benefit which the students derived

Card 1/2

We Ourselves Are Building

SOV/27-58-11-15/29

from participating in the work, and describes the problems that had to be solved at the erection of a dining room and storage place.

ASSOCIATION: Uchilishche mekhanizatsii sel'skogo khozyaystva Nr 7 (Irkutskaya oblast'). Agricultural Mechanization School Nr 7 (Irkutsk Oblast )

1. Construction--USSR    2. Industrial training    3. Personnel  
---Performance

Card 2/2

TYURIN, I.

"Problems in trade-union work." Reviewed by I.Tiurin. Sov.  
profsciuz 18 no.9:44 My '62. (MIRA 15:4)  
(Trade unions--Handbooks, manuals, etc.)

TYURIN, I. B.

No. 37395--Akademik vasiliy robertovi vgl'ya ms (k 10-letio so dnya konchiny)  
Pochvovedeniye, 1949, No. 11, c. 633-37.

So: Letopis' Zhurnel'nykh Statey, Vol. 7, 1949.

*2*

Polymorphic transformations of rhodium. A. A. Kudnitskii, R. S. Polyakova, and I. I. Tyurin. Izvest. Akad. Nauk SSSR, Ser. Metal., No. 29, 183-18 (1955).—Rh of 99.99% purity, contg. <0.02% impurities, was melted in a high-frequency furnace in a corundum crucible and was drawn into a porcelain tube to form rods about 20 mm. long. These were annealed at 1000° and their abs. thermoelec.

power was detd. with a Kurnikov pyrometer, whose operation was described in detail. The results showed that the heat effect accompanying the transformation was negligibly small; the temp. of transformation was  $1030 \pm 5^\circ$ . The abs. thermoelec. power and the Thomson coeff. in microvolts/degree were:  $100^\circ$ , +0.82;  $-0.49$ ;  $200^\circ$ , +0.82;  $-1.70$ ;  $300^\circ$ , +0.10;  $-1.34$ ;  $400^\circ$ , -0.58;  $-3.60$ ;  $500^\circ$ , -0.97;  $-2.70$ ;  $600^\circ$ , -1.37;  $-2.10$ ;  $700^\circ$ , -1.16;  $-1.56$ ;  $800^\circ$ , -1.58;  $-1.07$ ;  $900^\circ$ , -1.66;  $-0.76$ ;  $1000^\circ$ , -1.72;  $-0.61$ ;  $1030^\circ$ , -1.74;  $-0.53$ ;  $1030^\circ$ , -2.15;  $-0.85$ ;  $1100^\circ$ , -2.18;  $-0.69$ ;  $1200^\circ$ , -2.24;  $-0.74$ . The 2 values at  $1030^\circ$  represent the upper and lower values for the break in the curve at the transformation temp.

*BB* A. G. Guy  
*MM*

RUDNITSKIY,A.A.; POLYAKOVA,R.S.; TYURIN,I.I.

Study of thermoelectric properties of palladium alloys with  
rhodium. Izv.Sekt.plat.i blag.met. no.29:190-196 '55.  
(Palladium-rhodium alloys) (MIRA 8:8)

*TYURIN, I.I.*  
USSR/Electricity - Conductors

G-4

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12255  
Author : Rudnitskiy, A.A., Tyurin, I.I.  
Inst : -  
Title : Investigation and Choice of Alloys for High Temperature Thermocouples.  
Orig Pub : Zh. neorgan. khimii, 1956, 1, No 5, 1074-1090  
Abstract : Alloys were selected for high temperature thermocouples, operating in air, stable during prolonged operation at a temperature of 1350 -- 1550°, and suitable for short-duration measurements up to 1800°. The thermal electrodes investigated were pure rhodium, alloys of platinum with rhodium, and triple alloys Pt-Rh-W, Pt-Rh-Re. The alloys were prepared by the metal-ceramic method, and then were rolled or forged. The mechanical stresses were removed by heating for an hour in air to 1200°. The most stable thermoelectric characteristics were displayed by pure

Card 1/2

*TYURIN I. I.*

18.1200

68232

5(2)

AUTHORS: Rudnitskiy, A. A. (Deceased),  
Tyurin, I. I.S/073/60/005/02/026/045  
B004/B006TITLE: A Study on the Research of Alloys for High-temperature Thermocouples *✓*PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol 5, Nr 2, pp 401-409  
(USSR)ABSTRACT: The authors give an introductory survey on the thermocouples described in publications and then discuss their own investigations to find alloys of sufficient stability at maximum temperatures. The following metals and alloys were investigated: pure Ir and Rh, alloys of Pt with Rh, Ir with Rh, and ternary alloys of Pt with Rh, Ru, Ir, and Pd. An investigation of the temperature characteristics (Tables 1,2, Figs 1,2) showed that the emf curves of the thermocouples (Pt + 30%Rh) - (Pt + 6%Rh), and Rh - (Pt + 20%Rh) are intensely curved, but that the emf curve of the (Ir + 60%Rh) - Ir thermocouple is practically linear. The latter can be applied up to 2340°. The stability of the emf of the thermocouples at high temperatures was also investigated (Tables 3-5, Figs 3,4). At 1550° *✓*  
Card 1/2

68232

A Study on the Research of Alloys for High-temperature Thermocouples

S/078/60/005/02/026/045  
B004/B006

the temperature indication of the thermocouple (Pt + 10%Rh) - Pt deviates by 1% after 75 hr, while the same deviation for the thermocouples (Pt + 30%Rh) - (Pt + 6%Rh) and Rh - (Pt + 20%Rh) occurs after 230 and 1500 hr. respectively. At 1800°, the indication of Rh - (Pt + 20%Rh) strays by  $\pm 0.5\%$  after 100 hr., while the emf of (Ir + 60%Rh) - Ir increases by 0.6% during the first 25 hr., and is constant within an error limit of  $\pm 0.3\%$  thereafter. The alloys Pt + Rh + Ir, Pt + Rh + Pd, and Pt + Rh + Ru were found to be less stable than pure Rh and cannot replace it. The temperature dependence of the resistivity of Rh, Ir, Pt + 20%Rh, Pt + 20%Rh + 10%Ir was determined (Table 6). There are 4 figures, 6 tables, and 12 references, 3 of which are Soviet.

SUBMITTED: October 9, 1958

Card 2/2

TYURIN, I.P.

Production reserves are being used. Bum. prom. 36 no.9:12-13 S  
'61. (MIRA 15:1)

1. Arkhangel'skiy sovnarkhoz.  
(Archangel Province--Paper industry)

TYURIN, I.S.

Materials on the acclimatization of squirrels in Kirghizia. Trudy  
Inst. zool. i paraz. KirFAN SSSR no.2:127-129 '54. (MLBA 10:6)  
(Kirghizistan--Squirrels)

TYURIN, I.T.

Primary cancer of the lower horizontal part of the duodenum  
diagnosed by x-ray. Vest. rent. i rad. no.5:89-92 S-0 '55.  
(MLRA 9:1)

1. Iz bol'nitsy zavoda imeni Il'icha (glavnnyy vrach M.L.  
Samoylovich) opornogo punkta Ukrainskogo rentgeno-radiyevogo  
i onkologicheskogo instituta (g. Zhdanov Stalinskoy oblasti,  
USSR)

(DUODENUM, neoplasms,  
diag. x-ray)

DECEASED

TYURIN, IVAN VLADIMIROVICH

1964

Soil Science

1962

TYURIN, Ivan Vladimirovich (1892-1962)

[Organic matter of soil and its role in fertility] Organicheskoe veshchestvo pochvy i ego rol' v piodorechii.  
Moskva, Nauka, 1965. 318 p. (MIRA 1825)

USSR / Soil Science. Soil Genesis and Geography.  
Abo Jour: Rof Zhur-Biol., No 2, 1959, 6034.

J

Author : Tyurin, K. D.  
Inst : Voronezh Agricultural Institute.  
Title : Soils of Khrenovskiy Rayon in Voronezhskaya  
Oblast', Their Genesis and Ways of Further  
Utilization.

Orig Pub: Zap. Voronezhsk. s.-kh. in-ta, 1957, 27, No 2,  
327-334.

Abstract: In the soil cover of Khrenovskiy Rayon chernozem  
soils, meadow-bog soils, and solonetz soils are  
predominant. In the described territory condi-  
tions of soil formation, morphology, and phys-  
ical-chemical properties of soils are investi-  
gated. Data is cited of the determined humus  
and N content in the soils, the ratio of C to N,

Card

Card 1/2

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R00175

TYURIN, K.D., Cand Agr Sci—(diss) "Soils of the Khrenovskiy Rayon of  
the Voronezhskaya Oblast, their genesis, properties, and fertility."  
Voronezh, 1958. 18 pp (Min of Agr USSR. Voronezh Agr Inst), 150 copies  
(KL, 30-58, 130)

TYURIN, K.M., inzh.

~~Improving ribbed reinforced concrete tubings designed by the All-Union Scientific Research Institute for the Organization and Mechanization of Mine Construction, Krep. gor. vyr. ugol'. shakht no. 1:5-22 '57.~~ (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva.  
(Shaft sinking)  
(Reinforced concrete construction)

TYURIN, K.M., inzh.; SYCHEV, A.S., inzh.; PRAGER, V.A., inzh.; BABALIKHAN,  
D.M., inzh.

Investigation and development of a lining for a shaft sunk  
under particularly difficult hydrogeological conditions.  
Trudy VNIIOMShSa no.15:94-114 '64.

(MIRA 18:2)

SHISHOV, Yevgeniy Leonovich; TYURIN, Konstantin Mikhailovich, SAVUTCHIK,  
S.M., otd.red.; SINYAVSKAYA, Ie.K., red.; ANDREYEV, S.P., tekhn.red.

[Ribbed reinforced concrete tubing for the lining of vertical mine  
shafts] Zhelezobetonnye rebristye tiubingi dlia krepleniia vertikal'nykh stvolov shakht. Khar'kov. Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 151 p. (MIRA 11:8)

(Mine timbering)

(Shaft sinking)

(Precast concrete construction)

TYURIN, K.M.

SHISHOV, B.L., kandidat tekhnicheskikh nauk; TYURIN, K.M., inzhener.

Experience in using reinforced concrete ribbed tubing at the  
"Belorechenskaiia" mine. Ugol' 30 no.1:17-24 Ja '55.

(MLRA 8:3)

1. VNIIOMS&S.  
(Mine timbering)

RADYUCHENKO, Yu.S., inzh.; TYURIN, L.M., inzh.

Investigating the technology of straightening very thin-walled tubes. [Nauch. trudy] ENIKMASHa 3:67-79 '60. (MIRA 14:1)  
(Pipe mills)

PAGE 1 BOOK REPRODUCTION 5075303

Moscow. Naukovedatel'nyy nauchno-issledovatel'skiy institut mashino-pressovogo mashinostroyeniya.

Progressivnaya tekhnologiya i voprosy avtomatizatsii mashino-pressovochnykh proizvodstv (Advanced Processing and Problems of Automation of Die-Forming Operations.) Moscow, MasNII. 1960. 126 p. (Series: Its: Nauchnye trudy, no. 5) 5,500 copies printed.

Sponsoring Agency: Gosudarstvennyy komitet SSSR po avtomatizatsii i mashinostroyeniyu.

Editorial Council: N.I. Vasil'yev, V.P. Mytishch, V.I. Devyatov, F.I.G. Durov, A.P. Yerofeev, P.D. Volkov, A.I. Zolotov, B.A. Kondor, M.V. Leontov, I.I. Matrosov, B.M. Marzovich, T.S. Matveyev, G.A. Podles, L.N. Postyak, V.A. Popov, B.S. Pavlenko, G.V. Protopopov, O.M. Rodov, L.V. Rubenstein, A.P. Sil'ver, S.I. Ushakov, P.M. Frolov, D.A. Chalishchev, P.D. Chudakov, and B.M. Shenderberg. Chief Ed.: A.I. Zol'tyev. Ed. of Publishing House: G.M. Schobarev. Tech. Ed.: G.V. Bairdova; Managing Ed. for Literature on Heavy Machine Building: S.M. Golovkin. Publisher:

This collection of articles is intended for personnel engaged in research work and for students in mechanical-engineering schools of higher education.

CONTENTS: The following problems in advanced processing by pressworking are reviewed: Flashless drawn forming; multiaxis forming rolling; cold extrusion; piercing instead of drilling; small-radius bending of sheet metal; straightening of thick-walled tubes; and embossing. Methods are given for selecting rolling-related parameters and hole size for rotary feed on crank presses. No references are mentioned. References accompany each article. There are 57 references, 56 Soviet and 1 English.

#### TABLE OF CONTENTS:

Gulyadov, P.D. [Candidate of Technical Sciences]. Investigation Into the Possibility of Piercing Holes in Sheet-Type Machine Parts Instead of Drilling Them	24
Lebedev, Yu. [Engineer], and I.M. Fursik. [Engineer]. Investigating a Process for Straightening Tubes With Very Thin Walls	67
Shmelev, V.O. [Engineer], and I.V. Matrenin. Determining the Force for Bending of Sheet Metal With Relatively Small Radii [at Needs]	80
Shablikov, Ye.P. [Engineer]. Selecting the Process Parameters of Roll-Type Presses for Crank Presses	92
Svetozarov, I.L. [Engineer], and A.I. Filimonov. [Engineer]. Selection of the Pocket Diameter for a Die-Type Feed	109
Zhitkov, V.I. [Engineer], and V.A. Trotska. [Engineer]. The Determination of Forces in Sheeting	127
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6-2-72

Card 1/1

TYURIN, A.F.

TYURIN, L.V.

Development of Soviet soil science during 40 years. Pochvovedenie  
no.11:1-13 N '57. (MIRA 10:12)  
(Soil research)

MIKHAYLOV, Nikolay Nikolayevich; TYURIN, M., redaktor; MALININA, G.,  
redaktor; KOROBENIK, N. redaktor; YEGOROVA, I., tekhnicheskiy  
redaktor.

[Looking at a map of our country] Nad kartoi rodiny. Izd. 3-e,  
perer. i dop. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia,"  
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(Geography)

DOVBA, A.; TYURIN, M.

New job analysis manual ("Job analysis manual for workers in  
the coal and shale industries". Reviewed by A.Dovba, M.Tiurin).  
Sots.trud 4 no.7:151-153 J1 '59. (MIRA 13:4)  
(Coal mines and mining) (Job analysis)

DOVBA, A.; TYURIN, M.

Eliminate shortcomings in the wage organization for workers  
of mixed brigades in the coal industry. Sots. trud 7 no.10:  
73-80 0 '62. (MIRA 15:10)

(Wages--Coal mines and mining)

TYURIN, M.

Bonuses for managerial personnel, engineers, technicians  
and employees in the coal industry. Sots. trud 6 no.7:44-48  
J1 '61. (MIRA 16:7)

(Wages—Coal mines and mining)  
(Bonus system)

NIKOL'SKIY, V.S.; TYURIN, M.A.; SUROVA, V.A., red. izd-va; MINSKER, L.I.,  
tekhn. red.

[Handbook of regulations for workers in coal and shale pits] Pa-  
miatka dlja rabochikh ugol'nykh i slantsevykh razrezov. Moskva,  
Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 147 p.  
(MIRA 14:12)

(Coal mines and mining--Standards) (Wages)

NIKOL'SKIY, Viktor Sergeyevich; TYURIN, Mikhail Alekseyevich; SUROVA, V.A.,  
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[Guide for workers of coal preparation and briquetting plants] Pa-  
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Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 163 p.  
(MIRA 14:12)

(Coal preparation plants) (Briquets (Fuel)) (Wages)

NIKOL'SKIY, Viktor Sergeyevich; TYURIN, Mikhail Alekseyevich; SUROVA, V.A.,  
red. izd-va; MINSKER, L.I., tekhn. red.

[Handbook for miners working on the surface of coal and shale mines]  
Pamiatka dlja rabochikh, zaniatykh na poverkhnosti ugol'nykh i slan-  
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NIKOL'SKIY, Viktor Sergeyevich; TYURIN, Mikhail Alekseyevich; SUROVA,  
V.A., red, izd-va; MINSKER, L.I., tekhn. red.

[Handbook for underground workers in coal and shale mines] Pamiatka  
dlia rabochikh, zaniatykh na podzemnykh rabotakh v ugol'nykh i  
slantsevykh shakhtakh. Moskva, Gos. nauchno-tekn. izd-vo lit-ry po  
gornomu delu, 1961. 170 p. (MIRA 14:9)  
(Coal mines and mining)

SPERANSKIY, B. A.; TYURIN, M. F.

Boilers

Improving the economy of heating boilers. Rab. energ. 3, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_ June \_\_\_\_\_ 1953, Unc1.